

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

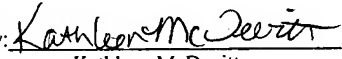
Applicant: MITCHELL et al. Prior Examiner: Wu, J.  
Parent Serial No.: 09/694,455 Prior Group Art Unit: 2623  
Divisional Filed: February 5, 2004 Docket No.: **BLD920000064US1A**  
(IBMN.024USD1)

Title: FASTER TRANSFORMS USING EARLY ABORTS AND PRECISION  
REFINEMENTS

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CERTIFICATE UNDER 37 CFR 1.10:  
"Express Mail" mailing label number: EV 379896735 US  
Date of Deposit: February 5, 2004

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

By:   
Kathleen McDevitt

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Forms 1449 and 892 are brought to the attention of the Examiner.

This statement should be considered because it is submitted either within three months of the filing date or before the first Office Action of the above-identified application. Accordingly, no fee is due for consideration of the items listed on the enclosed Forms 1449.

A copy of each document is not provided because it was previously cited or submitted to the U.S. Patent and Trademark Office in a parent application in accordance with 37 C.F.R. §

1.98(d). The references on the enclosed Forms 1449 and 892 were cited in the parent application serial number 09/694,455 filed October 23, 2000. Copies of the references are not enclosed.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

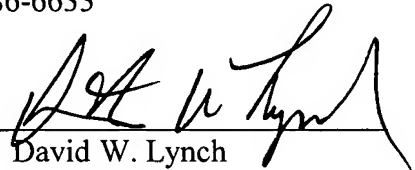
Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Forms 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Crawford Maunu PLLC  
1270 Northland Drive  
Suite 390  
St. Paul, MN 55120  
651/686-6633

Dated: February 5, 2004

By: \_\_\_\_\_

  
David W. Lynch  
Reg. No. 36,204

**Notice of References Cited**

Application/Control No.

09/694,455

Applicant(s)/Patent Under  
Reexamination  
MITCHELL ET AL.

Examiner

Jingge Wu

Art Unit

2623

Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
✓	A	US-5,629,778	05-1997	Reuman, Steven R.	382/252
✓	B	US-5,412,741	05-1995	Shapiro, Jerome M.	382/232
✓	C	US-5,787,204	07-1998	Fukuda, Hiroyuki	382/250
✓	D	US-6,359,928	03-2002	Wang et al.	375/240.05
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
✓	U	Mensa-Ababio, "Improced transform coding" Proc. ICASSP-1989 vol. 3, pages 1827-1830, 5/1989
✓	V	Mukherjee et al. "Vector set partitioning with classified successive refinement VQ for embedded wavelet image coding" Proc. IEEE ISCAS 1998, vol. 4, pages 25-28, 6/1998
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

**INFORMATION DISCLOSURE STATEMENT**

PTO Form 1449

Docket Number  
BLD9-2000-0064US1  
505.379US01Serial Number  
09/694455Applicant(s)  
MITCHELL ET AL.Filing Date  
10/23/00Group Art Unit  
2787**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (IF APPROPRIATE)
		5,790,775	8/4/98	Marks et al.			
		6,073,218	6/6/00	DeKoning et al.			
		5,379,122	1/3/95	Eschbach			
		5,822,484	10/13/98	Arroyo			
		6,112,219	8/29/00	Girod et al.			
		6,097,846	8/1/00	Abe			
		6,067,384	5/23/00	Manickam et al.			
		6,044,176	3/28/00	Kim et al.			
		6,009,207	12/28/99	Chen			
		5,822,003	10/13/98	Girod et al.			
		5,649,077	7/15/97	On et al.			
		5,642,438	6/24/97	Babkin			
		5,539,836	7/23/96	Babkin			
		H1684	10/7/97	De Queiroz et al.			
		5,805,482	9/8/98	Phillips			
		5,867,601	2/2/99	Phillips			
		6,092,920	7/25/00	Sakamoto			
		5,528,533	6/18/96	Kitaura et al.			
		4,837,724	6/6/89	Borgers et al.			
		6,115,772	9/5/00	Crater			
		6,002,809	12/14/99	Feig et al.			
		4,860,097	8/22/89	Hartnack et al.			
		5,301,242	4/5/94	Gonzales et al.			
		5,533,052	7/2/96	Bhaskar			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
		11-215499	8/6/99	Japan			X	

**OTHER DOCUMENTS**


Examiner:

Date Considered:

<b>INFORMATION DISCLOSURE STATEMENT</b> PTO Form 1449	Docket Number BDL9-2000-0064 ALG: 506.379US01	Serial Number 09/694455
	Applicant(s) Mitchell, et al.	
	Filing Date 23 October 2000	Group Art Unit 2787

### U.S. PATENT DOCUMENTS

EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (IF APPROPRIATE)
		5,854,757	12/29/98	Dierke			
		5,701,263	12/23/97	Pineda			
		5,781,239	7/14/98	Mattela, et al.			

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO

### OTHER DOCUMENTS


Examiner:	Date Considered:
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